

MONDAY, 30TH OCTOBER, 1876.

WILLIAM MACLEAY, Esq., F.L.S., President, in the Chair.

Mr. BRAZIER exhibited a number of eggs of a *Porphyrio*, from the Loyalty Islands, which he had had in confinement for some years. The bird had been in the habit of laying these eggs at short intervals for some time. They were remarkable for their variety of marking.

The following papers were read :—

Continuation of the Mollusca of the Chevert Expedition, with new species—by JOHN BRAZIER, C.M.Z.S., Cor. Mem. Roy. Soc. Tas.

FAMILY EULIMIDÆ.

I.—EULIMA GRANDIS.

Eulima grandis, A. Adams, Sowerby, Thes. Conch. vol. 2, p. 797, pl. 169, fig. 24.

Hab. Darnley Island, Torres Straits, 30 fathoms, white sand bottom. Cape Grenville, North East Australia, 20 fathoms, sandy mud.

2.—EULIMA MARTINI.

Eulima Martini, A. Ad., Sowerby, Thes. Conch., vol. 2, p. 795, pl. 169, fig. 5.

Hab. Darnley Island, Torres Straits, 20 fathoms.

3.—EULIMA CUSPIDATA.

Eulima cuspidata, A. Ad., Sowerby, Thes. Conch., vol. 2, p. 797, pl. 169, fig. 33.

Hab. Barnard Islands, No. 3., North East Australia; found under coral.

4.—EULIMA VITREA.

Eulima vitrea, A. Ad., Sowerby, Thes. Conch., vol. 2, p. 799, pl. 169, fig. 35.

Hab. Palm Island, North East Australia, 10 fathoms, sandy mud bottom. Darnley Island, Torres Straits, 20 fathoms, sandy bottom.



5.—EULIMA ACUTA.

Eulima acuta, Sowerby, Proc. Zool. Soc., London, 1834, p. 8.

” ” ” Thes. Conch., vol. 2, p. 797, pl. 169, fig. 29, 30.

Hab. Cape Grenville, North East Australia, 15 fathoms, sandy mud bottom. Warrior Reef, West side Torres Straits, 8 fathoms, mud. Darnley Island, 30 fathoms, white sand.

6.—EULIMA MODICELLA.

Eulima modicella, A. Ad., Sowerby, Thes. Conch., vol. 2, p. 798, pl. 169, fig. 27, 28.

Hab. Darnley Island, Torres Straits, 20 to 30 fathoms.

7.—EULIMA SP. ?

Hab. Katow, New Guinea, 10 fathoms, mud bottom. This species comes near to *E. modicella*. Specimens dead and sea worn.

8.—EULIMA BREVIS.

Eulima brevis, Sowerby, Proc. Zool. Soc., 1834, p. 7.

” ” ” Thes. Conch., vol. 2, pl. 169, fig. 32.

Hab. Darnley Island, Torres Straits, 15 fathoms, sandy mud bottom.

9.—EULIMA LACTEA.

Eulima lactea, A. Adams, Sowerby, Thes. Conch., vol. 2, p. 799, pl. 169, fig. 2.

Hab. Darnley Island, Torres Straits.

10.—EULIMA POLYGYRA.

Eulima polygyra, A. Adams, Sowerby, Thes. Conch., vol. 2, p. 799, pl. 169, fig. 36.

Hab. Katow, New Guinea, sandy mud bottom, 8 fathoms.

11.—EULIMA ACICULA.

Stylifer acicula, Gould, Exped. Shells.

Hab. Darnley Island, Torres Straits, 20 fathoms, found on the back of a species of *Asterias*.

12.—EULIMA TORTUOSA.

Eulima tortuosa, Adams and Reeve, Zool. Voy. Samarang Moll., p. 53, pl. 11, fig. 26.

Hab. Darnley Island, Torres Straits, 20 fathoms, sand bottom.

13.—EULIMA NITENS. N. SP.

Shell acuminate, pyramidal, slightly distorted at the upper part, whorls 12-14, nearly flat, suture with a rather broad margin, varix on the right side, opaque white, last whorl large and somewhat ventricose, roundly convex, aperture ovate, the inner or columella margin thickened, outer thin, simple. Length, $3\frac{1}{2}$ lines; breadth, $1\frac{1}{4}$ line.

Hab. Darnley Island, Torres Straits, 20 fathoms, sand bottom.

14.—EULIMA AMABILIS. N. SP.

Shell subulately pyramidal, opaque white, polished, solid, somewhat straight, whorls 10, convex, slight varix on the first and second whorl right side, suture distinct, spire straight, aperture oblong ovate, columella thickened, produced below, outer lip very much thickened in the centre, thin at the edge. Length, $4\frac{1}{2}$ lines; breadth, $1\frac{3}{4}$ line.

Hab. Darnley Island, Torres Straits, 20 fathoms, sand bottom.

15.—LEIOSTRACA BIVITTATA.

Eulima bilineata, Adams and Reeve, Zool. Voy. Samarang Moll., p. 52, pl. 11, fig. 24.

Leiostraca bivittata, H. and A. Adams, Genera of Recent Mollusca, vol. 1, p. 238.

Leiostraca bivittata, Sowerby, Thes. Conch., vol. 2, p. 804, pl. 170, fig. 18, 19.

Hab. Darnley Island, Torres Straits, 30 fathoms, sand. Specimen dead, $7\frac{1}{2}$ lines long.

FAMILY STYLIFERIDÆ.

16.—STILIFER ASTERICOLA ?

Stilifer Astericola, Broderip, Proc. Zool. Soc. London, 1832, p. 60.

Hab. Darnley Island, Torres Straits, 20 fathoms. Specimens in a bad state of preservation.

FAMILY ARCHITECTONICIDÆ.

17.—ARCHITECTONICA PURPURATA.

Solarium purpuratum, Hinds, Proc. Zool. Soc. London, 1844, p. 25.

„ „ Sowerby, Thes. Conch., vol. 3, p. 232, pl. 1, fig. 7, 8.

„ „ Reeve, Conch. Icon., pl. 1, sp. 5.

Hab. Katow, New Guinea; found on sandy mud flats at low water.

18.—TORINIA STRAMINEA.

Trochus stramineus, Chemnitz, 5 t., 172, fig. 1699.

Solarium stramineum, Lam. Anim. Sans Vert., Tome 7, p. 4.

„ „ Sowerby, Thes. Conch., vol. 3, p. 242, pl. 5, fig. 95.

„ „ (Torinia) Chenu., Manuel de Conch., p. 232, fig. 1353.

Hab. Darnley Island, Torres Straits, 30 fathoms, sand bottom.

19.—TORINIA DORSUOSUA.

Solarium dorsuosum, Hinds, Proc. Zool. Soc., 1844, p. 23.

„ „ Sow., Thes. Conch., vol. 3, p. 228, pl. 5, fig. 73, 74.

Hab. Darnley Island, Torres Straits, 25 fathoms, sandy mud bottom.

20.—TORINIA CÆLATA.

Solarium cælatum, Hinds, Proc. Zool. Soc. London, 1844, p. 25.

„ „ Sowerby, Thes. Conch., vol. 3, p. 240, pl. 5, fig. 75, 76.

Hab. Cape Grenville, North East Anstralia, 20 fathoms, mud. Darnley Island, Torres Straits, 30 fathoms, sand bottom.

21.—TORINIA FENESTRATA.

Solarium fenestratum, Hinds, Proc. Zool. Soc. London, 1844, p. 25.

„ „ Sowerby, Thes. Conch., vol. 3, p. 241, pl. 5, fig. 79, 80.

Hab. Katow, New Guinea, 8 fathoms, sandy mud bottom.

SUB-ORDER TOXIFERA.

FAMILY CONIDÆ.

22.—CONUS MARMOREUS.

Conus marmoreus, Linnaeus, Gmel., p. 3374, No. 1.

„ „ Lam. Anim. Sans Vert. tome 7, p. 442.

„ „ Sowerby, Thes. Conch. Vol. 3, p. 2, Conus, pl. 1, fig. 5.

Hab. Palm Island, North-east Australia; Darnley Island, Torres Straits, found on the reefs.

23.—CORONAXIS NANUS.

Conus nanus, Broderip, Proc. Zool. Soc. London, 1833, p. 53.

„ „ Reeve, Conch. Icon., 1843, pl. 27, sp. 150.

„ „ Sowerby, Thes. Conch., vol. 3, p. 11, Conus, pl. 6, fig. 114, 115, 116.

Hab. Darnley Island, Torres Straits; found on the reefs under coral.

24.—CORONAXIS MUSICUS.

Conus musicus, Brug. Dict., No. 25.

„ „ Lam. Anim. Sans Vert., tome 7, p. 456.

„ „ Reeve, Conch. Icon., 1843, pl. 20, sp. 113.

„ „ Sowerby, Thes. Conch., vol. 3, p. 11, pl. 6, fig. 148.

Hab. Darnley Island, Torres Straits; found on the reefs under coral.

25.—LITHOCONUS SUTURATUS.

Conus suturatus, Reeve, Proc. Zool. Soc., London, 1843, p. 178.

„ „ „ Conch. Icon. 1844, pl. 45, sp. 250, Suppl. pl. 3, fig. 250 b.

Conus saturatus, Sowerby, Thes. Conch., vol. 3, p. 25, *Conus*, pl. 12, fig. 256.

Hab. Cape Grenville, North-East Australia, 20 fathoms, sandy mud.

26.—LITHOCONUS FLAVIDUS.

Conus flavidus, Lam. Anim. Sans Vert., tome 7, p. 468.

„ „ Reeve, Conch. Icon., pl. 38, sp. 207.

„ „ Sowerby, Thes. Conch., vol. 3, p. 23, *Conus*, pl. 8, fig. 168.

Hab. Darnley Island, Torres Straits, found on the reefs under coral; Hall Sound, New Guinea, one sea-worn specimen found.

The specimen figured by Reeve comes from the Central Pacific. The one figured by Sowerby comes from the Philippine Islands. The specimens found in Torres Straits are of a fine yellowish brown, transversely faintly striated with fine dark brown thread-like lines very much like *Conus figulinus*; interior of the aperture dark violet above and below centre, with a white narrow band.

27.—LITHOCONUS EMACIATUS.

Conus emaciatus, Reeve, Conch. Icon. 1849, supp., pl. 5, sp. 248.

„ „ Sowerby, Thes. Conch., vol. 3, p. 23, *Conus*, pl. 10, fig. 214, pl. 12, fig. 258.

Hab. Darnley Island, Torres Straits, found on the reefs under stones.

28.—LITHOCONUS PEASEI.

Conus neglectus, Pease, Proc. Zool. Soc., London, 1860, p. 398.

„ „ „ American Journal of Conchology, 1869, vol. 5, p. 87.

Hab. Darnley Island, Torres Straits, found on the reefs under coral. This species differs from *Conus flavidus*, Lam., by being flat spired; aperture narrow, contracted in the centre like *C. emaciatus* (Reeve); edge of the lip bright orange, interior with large deep purple spots; epidermis thicker and rougher than specimens of *C. flavidus*. Mr. A. Adams described in the Proc. Zool. Soc., London, 1853, another species under the same name; I have therefore changed the specific name as above.

29.—LEPTOCONUS PRÆCELLENS.

Conus præcellens, A. Adams, Proc. Zool. Soc., 1853, p. 119.

„ „ Sowerby, Thes. Conch., vol. 3, p. 12, *Conus*,
pl. 16, fig. 371.

Hab. Darnley Island, Torres Straits, 25 fathoms, sandy bottom.

30.—LEPTOCONUS ACULEIFORMIS.

Connus aculeiformis, Reeve, Conch. Icon., pl. 44, sp. 240.

„ „ „ Proc. Zool. Soc. London, 1843,
p. 176.

„ „ Sowerby, Thes. Conch., vol. 3, p. 12, *Conus*,
pl. 16, fig. 370.

Hab. Cape Grenville, North Australia, 15 fathoms, mud bottom ;
Darnley Island, Torres Straits, 25-30 fathoms, sandy mud.

31.—RHIZOCONUS CAPITANEUS.

Conus capitaneus, Linnæus Syst. Nat., p. 3376, No. 6.

„ „ Sowerby, Thes. Conch., vol. 3, p. 27, *Conus*,
pl. 8, fig. 175.

Hab. Darnley Island, Torres Straits, found on the reefs ; Hall
Sound, New Guinea.

32.—CHELYCONUS DESHAYESI.

Conus Deshayesi, Reeve, Proc. Zool. Soc., London, 1843, p. 168.

„ „ „ Conch. Icon., pl. 5, sp. 28, a, b.

„ „ Sowerby, Thes. Conch., vol. 3, p. 40, *Conus*,
pl. 22, fig. 546.

Hab. Palm Island, North-East Australia ; found on mud flats
inside the reefs.

33.—CHELYCONUS SPECTRUM.

Conus spectrum, Linn. Gmel. p. 3395.

„ „ Reeve, Conch. Icon., pl. 15, sp. 80 a.

„ „ Sowerby, Thes. Conch., vol. 3, pl. *Conus*, fig. 458.

Hab. Palm Island, North-East Australia ; found on sand flats.



34.—CHELYCONUS STRIATUS.

Conus striatus, Linn. Gmel., p. 3393, No. 58.

„ „ Reeve, Conch. Icon., pl. 32, sp. 179 a, b.

„ „ Sowerby, Thes. Conch., vol. 3, p. 39, *Conus*, pl. 23, fig. 557.

Hab. Darnley Island, Torres Straits, found on the reefs.

35.—CHELYCONUS CINCTUS.

Conus cinctus, Swainson, Zool. Ill. 2nd. ser. pl. 110.

„ „ Reeve, Conch. Icon., pl. 23, fig. 53, b.

„ „ Sowerby, Thes. Conch., vol. 3, p. 36, *Conus*, pl. 10, fig. 231.

Hab. Brooke Island, North-East Australia; one specimen on beach.

36.—CHELYCONUS MAGUS.

Conus magus, Linn. Syst. Nat. 2, p. 1171, No. 317.

„ „ Lam. Anim. Sans Vert., tome 7, p. 509.

„ „ Sowerby, Thes. Conch., vol. 3, p. 38, *Conus*, pl., fig. 510, 511, 512.

Hab. Darnley Island, Torres Straits; found on the reefs under coral.

37.—CHELYCONUS CONSUL.

Conus consul, Boivini Journal de Conch. 1864, vol. 12, 3rd series, p. 33, pl. 1, fig. 5, 6.

Conus magus, Reeve, not Linn. Conch. Icon., pl. 35, sp. 190 c.

„ *consul*, Sowerby, Thes. Conch., vol. 3, p. 330, *Conus*, pl. 21, fig. 509.

Hab. Darnley Island, Torres Straits, on the reefs under coral.

38.—CHELYCONUS CIRCEÆ.

Conus circeæ, Chemn. Conch. 11, t. 183, f. 1778, 1779.

„ „ Sowerby, Thes. Conch., vol. 3, p. 39, *Conus*, pl. 21, fig. 513.

Hab. Darnley Island, Torres Straits.

39.—CYLINDER TEXTILE.

Conus textile, Linn. Gmel., p. 3393, No. 59.

„ „ Sowerby, Thes. Conch. vol. 3, p. 41, *Conus*, pl. 23, fig. 567.

Hab. Low Islands, Trinity Bay, North-East Australia ; Darnley Island, Torres Straits.

40.—CYLINDER OMARIA.

Conus omaria, Brug., Dict., No. 137.

„ „ Lam. Anim. Sans Vert., tome 7, p. 518.

„ „ Reeve, Conch. Icon., pl. 32, sp. 177c.

„ „ Sowerby, Thes. Conch., vol. 3, p. 44, *Conus*, pl. 24, fig. 594, 595.

Hab. Darnley Island, Torres Straits, on the reefs under coral.

41.—HERMES TEREHELLUM.

Conus terebellum, Martini, Conch., vol. 2, pl. 52, fig. 577.

„ *terebra*, Lam. Anim. Sans Vert., tome 7, p. 508.

„ *terebellum*, Gmel., p. 3390, No. 44.

„ „ Reeve, Conch. Icon., pl. 7, sp. 38.

„ *calebs*. Hinds, Ann. and Mag. Nat. History, 1843, p.

„ „ Reeve, Conch. Icon., pl. 13, fig. 64.

„ *terebellum*, Sowerby, Thes. Conch., vol. 3, p. 46, *Conus*, pl. 23, fig. 559.

Hab. Darnley Island, Torres Straits ; on the reefs, under coral.

42.—HERMES NUSSATELLATA.

Conus nussatellata, Linn. Gmel., p. 3390, No. 43.

„ „ Lam. Anim. Sans Vert., tome 7, p. 515.

„ „ Reeve, Conch. Icon., pl. 11, sp. 56.

„ „ Sowerby, Thes. Conch., vol. 3, p. 45, *Conus*, pl. 23, fig. 553.

„ *terebra*, Chemn. Conch., 10, t. 143, fig. 1329.

Hab. Brooke Island, North-East Australia.

43.—HERMES TENUISTRIATUS.

Conus tenuistriatus, Sowerby, Thes. Conch., vol. 3, p. 46, sp. 396, pl. 22, fig. 532.

Hab. Barnard Islands, No. 3, North-East Australia, under coral. The striæ of this species are much finer than in *Conus glans*, Brug., and scarcely granulated, spire smooth.

SUB-ORDER ROSTRIFERA.

FAMILY STROMBIDÆ.

SUB-FAMILY STROMBINÆ.

44.—STROMBUS (MONODACTYLUS) LAMARCKI.

Strombus Lamarcki, Gray. Sowerby, Thes. Conch., vol. 1, p. 35, pl. 9, fig. 98, 99, 88, 93.

Hab. Darnley Island, Torres Straits; found on sandy mud flats at half-tide.

45.—GALLINULA CANARIUM.

Strombus canarium, Linn. Gmel., p. 3517, No. 24.

„ „ Lam. Anim. Sans Vert., tome 7, p. 206.

„ „ Sowerby, Thes. Conch., vol. 1, p. 33, pl. 8, fig. 69, 70.

Hab. Katow and Hall Sound, New Guinea.

46.—GALLINULA VARIABILIS.

Strombus variabilis, Swainson. Sowerby, Thes. Conch., vol. 1, p. 27, pl. 6, fig. 13, 14.

Hab. Darnley Island, Torres Straits.

47.—GALLINULA COLUMBA.

Strombus columba, Lam. Anim. Sans Vert., tome 7, p. 208.

„ „ Sowerby, Thes. Conch., vol. 1, p. 27, pl. 6, fig. 2, 3, 6, 7.

Hab. Darnley Island, Torres Straits, 25 fathoms; white sandy mud bottom.

48.—GALLINULA CAMPBELLI.

Strombus Campbells, Gray, Griffiths, Cuvier, Anim. Kingdom Moll., pl. 25.

„ *Campbells*, Sowerby, Thes. Conch., vol. 1, p. 26, pl. 6, fig. 22, 23.

„ „ Chenu. Manuel de Conch., p. 257, fig. 1600.

Hab. Cape Grenville, North-East Australia, 15 fathoms ; soft mud bottom. Long Island, Torres Straits.

49.—GALLINULA VITTATUS.

Strombus vittatus, Linn. Gmel., p. 3517, No. 25.

„ „ Lam. Anim. Sans Vert., tome 7, p. 207.

„ „ Sowerby, Thes. Conch., vol. 1, p. 26, pl. 6, fig. 29, 30.

„ „ Chenu. Manuel de Conch., p. 257, fig. 1597, 1601.

Hab. Cape Grenville, North-East Australia, 25 fathoms, with *Gallinula Campbelli*.

50.—CANERIUM LUHUANUS.

Strombus luhuanus, Linn. Gmel., p. 3513, No. 16.

„ „ Lam. Anim. Sans Vert., tome 7, p. 206.

„ „ Sowerby, Thes. Conch., vol. 1, p. 29, pl. 7, fig. 54.

Hab. Darnley Island, Torres Straits, on mud flats inside the reefs.

51.—CANARIUM DENTATUS.

Strombus dentatus, Linn. Gmel., p. 3519, No. 31.

„ *plicatus*, Lam. Anim. Sans Vert., tome 7, p. 210.

„ „ Sowerby, Thes. Conch., vol. 1, p. 30, pl. 7, fig. 56.

Hab. Palm Island and Home Islands off Cape Grenville, North-East Australia ; found on the reefs. Darnley Island, Torres Straits ; found on mud flats inside the reefs, and at 15, 20, 30 fathoms, sandy mud bottom.

52.—CANARIUM ELEGANS.

Strombus elegans, Sowerby, Thes. Conch., vol. 1, p. 3, pl. 6, fig. 43, 48.

„ „ Reeve. Conch. Icon., pl. 17, sp. 41, a. b.

Hab. Darnley Island, Torres Straits, 15, 20, 30 fathoms, sandy mud bottom.

53.—PTEROCERA BRYONIA.

Strombus radix-bryonia, Chem. Conch., Cab. 10, p. 227, pl. 159, fig. 1512-15.

„ *bryonia*, Gmel. in Linn. Syst. Nat., ed. 13, p. 3520.

Pterocera truncata, Lam. Anim. Sans Vert., tome 7, p. 195.

Strombus truncatus, Dillwyn, Cat. 2, p. 659.

Pteroceras truncatum, Sowerby, Thes. Conch., vol. 1, p. 41, pl. 11, fig. 13.

Heptadactylus radix-bryonia, Adams, Genera. Rec. Moll., vol. 1, p. 261.

Pterocera bryonia, Reeve, Conch. Icon., sp. 1.

Hab. Darnley Island, Torres Straits; found on the reefs. This is the largest species of the genus; specimens found are over a foot in length.

54.—PTEROCERA LAMBIS.

Strombus lambis, Linn. Syst. Nat., ed. 12, p. 1208.

Pterocera lambis, Lam. Anim. Sans Vert., tome 7, p. 196.

Pteroceras lambis, Sowerby, Thes. Conch., vol. 1, p. 41, fig. 5, 6, 7.

heptadactylus lambis, Adams, Genera. Rec. Moll., vol. 1, p. 261.

Harpago lambis, Adams, Genera. Rec. Moll., vol. 3, Atlas, pl. 27, fig. 2.

Pterocera lambis, Reeve, Conch. Icon., sp. 8.

Hab. Darnley Island, Torres Straits; found on the reefs.

55.—TEREBELLUM SUBULATUM.

Terebellum subulatum, Lam. Anim. Sans Vert., tome 7, p. 410.

Bulla terebellum, Burrow, Elem. Conch., 1825, pl. 14, fig. 8.

Terebellum subulatum, Sowerby, Sp. Conch., vol. 1, part 2, pl. 1, fig. 1 to 7.

Terebellum punctatum, Chem. Conch., 10, t. 146, fig. 1362, 1363.

Hab. Cape Grenville, North-East Australia, 20 fathoms, sandy mud bottom. Darnley Island, Torres Straits, 5, 10, 20, 30 fathoms, sand and sandy mud bottom, all varieties found.

FAMILY CYPRÆIDÆ.

56.—CYPRÆA ISABELLA.

Cypræa isabella, Linn. Gmel., p. 3409, No. 49.

„ „ Reeve, Conch. Icon., pl. 12, sp. 51.

„ „ Sowerby, Thes. Conch., vol. 4, p. 6, pl. 4,
fig. 16, 17, 18.

Hab. Darnley Island, Torres Straits ; found on the reefs.

57.—CYPRÆA FIMBRIATA.

Cypræa fimbriata, Gmelin Syst. Nat.

„ „ Sowerby, Thes. Conch., vol. 4, p. 29, pl.
32, fig. 389.

Hab. Darnley Island, Torres Straits ; found on the reefs, under coral.

58.—CYPRÆA QUADRIMACULATA.

Cypræa quadrimaculata, Gray, Zool. Journal, vol. 1, p. 377.

„ „ Sowerby, Thes. Conch., vol. 4, p. 8,
pl. 27, fig. 277.

Hab. Home Islands, North-East Australia ; found on the reefs, under coral. Albany Island, Cape York, North Australia, under stones at low water, received from Mr. C. E. Beddome. Sue Island, Torres Straits, in crevices of coral, under water. Darnley Island, two specimens found in crevices of coral three feet under water at ebb. One specimen dredged at 13 fathoms, sandy mud bottom.

59.—CYPRÆA CYLINDRICA.

Cypræa cylindrica, Born, Mus., p. 184, pl. 8, fig. 10.

„ „ Sowerby, Thes. Conch., vol. 4, p. 9, pl. 27,
fig. 268.

Hab. Darnley Island, Torres Straits ; found on the reefs.

60.—CYPRÆA ASELLUS.

Cypræa asellus, Linn. Gmel. p. 3411, No. 56.

„ „ Reeve, Conch. Icon., pl. 18, sp. 98.

„ „ Sowerby, Thes. Conch., vol. 4, Cypræ, pl. 24,
fig. 206, 207.

Hab. Darnley Island, Torres Straits ; found on the reefs.

61.—CYPRÆA ARABICA.

Cypræa Arabica, Linn. Gmel., p. 3398, No. 3.

„ „ Reeve, Conch. Icon. pl. 1, sp. 2.

„ „ Sowerby, Thes. Conch. vol. 4, p. 15, pl. 10, fig. 59, 61.

Hab. Home and Low Islands, North-East Australia ; Darnley Island, Torres Straits.

62.—CYPRÆA ANNULUS.

Cypræa annulus, Linn. Gmel. p. 3415, No. 82.

„ „ Reeve, Conch. Icon., pl. 15, sp. 71.

„ „ Sowerby, Thes. Conch., vol. 4, p. 18, pl. 26, fig. 252, 253.

Hab. Cape York, North Australia ; Darnley Island, Torres Straits.

63.—CYPRÆA TIGRIS.

Cypræa tigris, Linn. Gmel. p. 3408, No. 44.

„ „ Reeve, Conch. Icon., pl. 4, sp. 12 b, e.

„ „ Sowerby, Thes. Conch., vol. 4, p. 20, pl. 21, fig. 172, 173, 174.

Hab. Darnley Island, Torres Straits ; found on the reefs.

64.—CYPRÆA VITELLUS.

Cypræa vitellus, Linn. Gmel., p. 3407, No. 42.

„ „ Reeve, Conch. Icon., pl. 5, sp. 14.

„ „ Sowerby, Thes. Conch., vol. 4, p. 13, pl. 6, fig. 31, 32, 33.

Hab. Darnley Island, Torres Straits ; found on the reefs.

65.—CYPRÆA LYNX.

Cypræa lynx, Linn. Gmel., p. 3409, No. 48.

„ „ Reeve, Conch. Icon., pl. 9, sp. 33.

„ „ Sowerby, Thes. Conch., vol. 4, p. 21, pl. 15, fig. 86*, 87*.

Hab. Darnley Island, Torres Straits, found on the reefs ; Cape Grenville, North-East Australia.

66.—CYPRÆA MILIARIS.

Cypræa miliaris, Gmel., p. 3420, No. 106.

„ „ Reeve, Conch. Icon., pl. 10, sp. 36.

„ „ Sowerby, Thes. Conch., vol. 4, p. 36, pl. 17,
fig. 109.

Hab. Darnley Island, Torres Straits, 20, 30 fathoms, sand
bottom.

67.—CYPRÆA WALKERI.

Cypræa Walkeri, Gray, Sowerby, Conch. Illust. Cat. Cypræadæ,
No. 70, fig. 22*.

„ „ Reeve, Conch. Icon., pl. 12, sp. 50 a,b.

„ „ Sowerby, Thes. Conch., vol. 4, p. 25, pl. 18,
fig. 123, 124, 125.

Hab. Palm Island, North-East Australia, sandy mud, 11
fathoms; Cape Grenville, North-East Australia, 8 fathoms, white
sand; Darnley Island, Torres Straits, 20, 30 fathoms, white sand.

68.—CYPRÆA ERRONES.

Cypræa erronea, Linn. Syst. Nat., p. 723.

„ „ Reeve, Conch. Icon., pl. 13, sp. 56.

„ „ Sowerby, Thes. Conch., vol. 1, p. 21, pl. 20,
fig. 156, 158.

Cypræa ovum, Gmel., *subflava*, Gmel., *olivacea*, Lam.

Hab. Darnley Island, Torres Straits, on the reefs under coral.

62.—CYPRÆA SOPHIÆ.

Cypræa Sophieæ, Brazier, Proc., Linn. Soc., N. S. W., 1875,
vol. 1, part 1, p. 7.

Hab. Hall Sound, New Guinea. One dead specimen found on
the beach.

70.—CYPRÆA EROSA.

Cypræa erosa, Linn. Gmel., p. 3415, No. 84.

„ „ Reeve, Conch. Icon., pl. 11, sp. 43.

„ „ Sowerby, Thes. Conch., vol. 1, p. 37, pl. 18, fig.
111, 112, 113, 114, 115.

Hab. Darnley Island, Torres Straits, on the reefs.



71.—CYPRÆA CAURICA.

Cypræa caurica, Linn. Gmel., p. 3415, No. 83.

„ „ Reeve, Conch. Icon., pl. 11, sp. 46.

„ „ Sowerby, Thes. Conch., vol. 4, p. 8, pl. 23,
fig. 188, 189, 191.

Hab. Darnley Island, Torres Straits, on the reefs.

72.—TRIVIA SCABRIUSCULA.

Cypræa scabriuscula, (*Trivia*), Gray, Sowerby, Conch., Illus.
fig. 38.

„ „ „ Sowerby, Thes. Conch., vol. 4,
p. 46, pl. 35, 472, 473, pl. 37, fig. 525.

Hab. Home Islands, off Cape Grenville, North-East Australia,
on the reefs under coral; Albany Island, Cape York, North Aus-
tralia, under stones.

73.—TRIVIA ORYZA.

Cypræa oryza, Lam. Anim. Sans Vert., tome 7, p. 403.

„ „ Reeve, Conch. Icon., pl. 24, sp. 140.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 35,
fig. 474, 475, 476.

Hab. Cape Grenville, North-East Australia, 20 fathoms, sand
bottom.

74.—TRIVIA GRANDO.

Cypræa grando, Gaskoin, Proc. Zool. Soc., London, 1848, p. 96.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 35,
fig. 470, 471.

Hab. Darnley Island, Torres Straits, 25 fathoms, sandy mud.

75.—TRIVIA VITREA.

Cypræa vitrea, Gaskoin, Proc. Zool. Soc., London, 1848, p. 95.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 35,
fig. 456, 457.

Hab. Darnley Island, Torres Straits, 25 fathoms, sandy mud
bottom.

76.—TRIVIA SULCATA.

Cypræa sulcata, Gaskoin, Proc. Zool. Soc., London, 1848, p. 95.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 35, fig. 454, 455.

Hab. Bet Island, Torres Straits, 11 fathoms, coral and sand bottom.

77.—TRIVIA PELLUCIDULA.

Cypræa pellucidula, Gaskoin, Proc. Zool. Soc., London, 1846, p. 23.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 36, fig. 497-98-99.

Hab. Darnley Island, Torres Straits, 25 fathoms, sandy mud.

78.—TRIVIA PRODUCTA.

Cypræa producta, Gaskoin, Proc. Zool. Soc. London, 1835, p. 200.

„ „ Reeve, Conch. Icon., pl. 24, sp. 137 a,b.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 36, fig. 495, 496.

Hab. Darnley Island, Torres Straits, 30 fathoms, hard white sand bottom.

79.—TRIVIA GLOBOSA.

Cypræa globosa (*Trivia*), Gray, Sowerby, Conch., Ill. fig. 34.

„ „ Reeve, Conch. Icon., pl. 26, sp. 152.

„ „ (*Trivia*), Sowerby, Thes. Conch., vol. 4, pl. 35, fig. 446, 447.

Hab. Darnley Island, Torres Straits, 20 fathoms, sandy mud bottom.

80.—PUSTULARIA LIMACINA.

Cypræa limacina, Lam. Anim. Sans Vert., tome 7, p. 400.

„ *interincta*, Wood, Index, Test. Suppl., p. 9, pl. 3, fig. 9.

„ *limacina*, Reeve, Conch. Icon., pl. 16, fig. 82a.

„ „ Sowerby, Thes. Conch., vol. 4, pl. 25, fig. 223, 224.

Hab. Darnley Island, Torres Straits; found in coral at low water.

81.—PUSTULARIA STAPHYLÆA.

Cypræa staphylæa, Linn. Gmel. 3419, No. 97.

„ „ Reeve, Conch. Icon., pl. 16, fig. 82b.

„ „ Sowerby, Thes. Conch., vol. 4, pl. 25, fig. 228, 229.

Hab. Darnley Island, Torres Straits, found in coral at low water ; light coloured variety at 20 fathoms, sandy mud bottom ; also off Shark Point, Port Jackson, 7 fathoms, mud bottom.

FAMILY AMPHIPERASIDÆ.

82.—AMPHIPERAS OVUM.

Bulla ovum, Linn. Gmel. p. 3422, No. 1.

Ovula oviformis, Lam. Anim. Sans Vert., tome 6, p. 366.

Ovulum ovum, Sowerby, Thes. Conch., vol. 2, p. 467, pl. 99, fig. 1, 2.

Hab. Darnley Island, Torres Straits ; deep water near the edge of the Reefs.

83.—AMPHIPERAS ANGULOSA.

Ovula angulosa, Lam. Anim. Sans Vert., tome 7, p. 367.

„ *costellata*, Lam. Ann. du Mus., vol. 16, p. 110, No. 2.

Ovulum angulosum, Sowerby, Thes. Conch., vol. 2, p. 467, pl. 99, fig. 4, 5.

Hab. Darnley Island, Torres Straits ; found in deep water at the edge of the reefs.

84.—AMPHIPERAS STRIATULA.

Ovulum striatulum, Sowerby, Thes. Conch., vol. 2, p. 472, pl. 101, fig. 85.

Hab. Katow, New Guinea, 8 fathoms, sandy mud bottom.

85.—AMPHIPERAS PUNCTATA.

Ovulum punctatum, Duclos, Mag. Zool., 1828.

„ „ Sowerby, Thes. Conch., vol. 2, p. 471, pl. 101, fig. 91.

Hab. Bet Island, Torres Straits, 11 fathoms, white sand bottom ; Port Stephens, New South Wales (Brazier.)

86.—AMPHIPERAS BREVIS.

Ovulum breve, Sowerby, Thes. Conch., vol. 2, p. 469, pl. 101, fig. 70, 71.

Hab. Darnley Island, Torres Straits, 25, 30 fathoms, sandy bottom ; Port Stephens, New South Wales (Brazier.)

87.—VOLVA VOLVA.

Bulla volva, Linn. Gmel., p. 3422, No. 2.

Ovula volva, Lam. Anim., Sans Vert, tome 7, p. 370.

Ovulum volva, Sowerby, Thes. Conch., vol. 2, p. 482, pl. 99, fig. 6, 7, 8.

Birostra volva, Chenu, Manuel de Conch., part 1, p. 273, fig. 1794.

Hab. Darnley Island, Torres Straits, 30 fathoms, sandy mud bottom ; Port Stephens, New South Wales, living specimens washed on shore after gales (Brazier).

Notes on the Entomology of New Ireland. By WILLIAM
MACLEAY, F.L.S.

THE annually increasing intercourse between Australia and the Papuan and Polynesian regions has enabled us of late years to make ourselves well acquainted with their zoological and botanical productions. Englishmen have now succeeded in establishing themselves as missionaries or traders in one or more of the islands of almost every group from New Guinea on the West to the Society Islands on the East. Our present predominating influence in these seas should not, however, make us forget how much has been done in the cause of science by other countries and in other times. Until thirty years ago it was chiefly to France that the world was indebted for what was then known of the geography and natural history of the countries of the Pacific Ocean.